

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1                   1.       (Currently Amended): A device for measuring at least one of the flow  
2 velocity and[/or] the volumetric throughput of a fluid by means of ultrasound, the device  
3 comprising [having] at least two ultrasound producing or ultrasound receiving elements [(22)]  
4 arranged on an outside of a wall [(14)] of a fluid pipeline [(12)] forming a measurement housing,  
5 wherein [characterized in that] a portion [(32)] of the wall [(14)] forms an ultrasound emitting or  
6 receiving membrane [(30)] of an ultrasonic transducer [(16)], and the portion of the wall [portion  
7 (32)] forming the membrane [(30)] is dimensionally adapted to the ultrasonic transducer [(16)].

1                   2.       (Currently Amended): A device according to claim 1, wherein  
2 [characterized in that] the ultrasonic transducer [(16)] is of a lengthwise oscillating type and a  
3 waveguide [(26)] is arranged between the ultrasound producing or receiving element [(22)] and  
4 the membrane [(30)].

1                   3.       (Currently Amended): A device according to claim 2, wherein  
2 [characterized in that] a contact region [(44)] between the waveguide [(26)] and the portion of  
3 the wall [portion (32)] has a form-fitting configuration.

1                   4.       (Currently Amended): A device according to claim 3, wherein  
2 [characterized in that] the contact region [(44)] between the waveguide [(16)] and the portion of  
3 the wall [(32)] has a spherical shape.

1                   5.       (Currently Amended): A device according to claim 1, wherein  
2 [characterized in that] the portion of the wall [portion (32)] is thinner than the remainder of the  
3 wall [(14)].

1                   6.       (Currently Amended): A device according to claim 1, wherein  
2   [characterized in that] the ultrasonic transducer [(16)] extends at least partly into the wall [(14)].

1                   7.       (Currently Amended): A device according to claim 1, wherein  
2   [characterized in that] a cover [(36)] covers the ultrasonic transducer [(16)] extending into the  
3   wall [(14)].

1                   8.       (Currently Amended): A device according to claim 1, further comprising  
2   [characterized by] a spring [(40)] biasing the ultrasonic transducer [(16)] against the portion of  
3   the wall [(32)] forming the membrane [(30)].

1                   9.       (Currently Amended): A device according to claim 1, wherein  
2   [characterized in that] the spring [(40)] is propped against the cover [(36)].

1                   10.      (Currently Amended): A device according to claim 1, wherein  
2   [characterized in that] the ultrasonic transducer is arranged so that a measurement pathway lies  
3   outside a diameter of the pipe.